

EQUIPMENT LIST

A. Equipment to be supplied by the Administration

Item No.	Quantity	Units	Specification Section	Description
5	EA	814	12 in. 1 way 3 section (R,Y,G) signal head - mast arm mount.	
1	EA	814	12 in. 1 way 5 section (R,Y,G,YA,GA) signal head - mast arm mount.	
2	EA	814	Combination 8 in./12 in. 1 way 5 section (8 in. R,Y,G /12 in. YA,GA) signal head - mast arm	
4	EA	XXX	Micro loop probe with 1000 ft. lead in cable	

B. Equipment to be furnished and/or installed by the Contractor.

Item No.	Quantity	Units	Specification Section	Description
70	LF	555		Furnish and install 12 in white permanent preformed pavement marking tape.
7	CY	801		Furnish and install concrete for signal foundation.
2	EA	804		Furnish and install ground rod - 3/4 in. diameter x 10 ft.
70	LF	805		Furnish and install 3 in. schedule 80 rigid PVC conduit - Pushed
50	LF	805		Furnish and install 3 in. schedule 80 rigid PVC conduit - slotted
600	LF	805		Furnish and install 2 in. schedule 40 rigid PVC conduit - Trenched.
50	LF	805		Furnish and install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
25	LF	805		Furnish & install 1 in. electrical conduit - galvanized sleeve

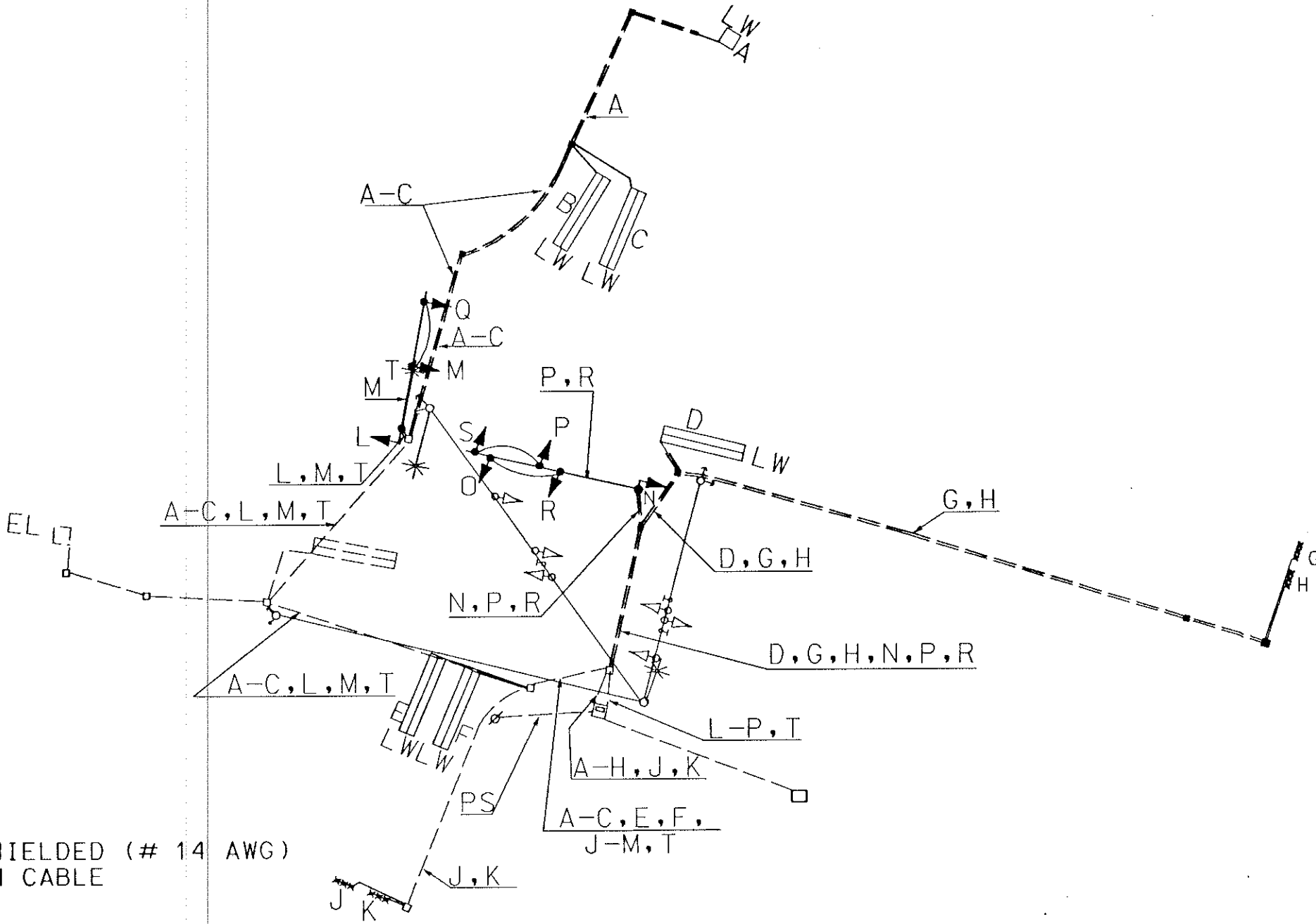
B. Equipment to be furnished and/or installed by the Contractor.  
(continued)

Item No.	Quantity	Units	Specification Section	Description
	1	EA	806	Furnish and install 250 Watt high pressure sodium lamp and luminaire with photo cell
	300	LF	810	Furnish and install No. 6 AWG standard bare copper ground wire.
	960	LF	810	Furnish and install electrical cable - 2 conductor (Aluminum shielded).
	60	LF	810	Furnish and install electrical cable - 5 conductor (No. 14 AWG).
	1060	LF	810	Furnish and install electrical cable - 7 conductor (No. 14 AWG).
	1700	LF	810	Furnish and install loop wire encased in flexible tubing (No. 14 AWG).
	260	LF	810	Furnish and install 2 - conductor - Tray cable (No. 12 AWG).
	8	EA	811	Furnish and install electrical handhole.
	8	EA	814	Install signal head - mast arm mount.
	700	LF	815	Furnish and install saw cut for signal (loop detector).
	1	EA	829	Furnish and install a 27 ft steel pole with a 50 ft mast arm (Note: Four - 1 3/4 in. x 90 in. anchor bolts).
	1	EA	829	Furnish and install 27 ft steel pole with twin 70 and 50ft mast arms (Note: Four - 2 in. x 90 in. anchor bolts).
	120	LF	555	24 in. white preformed pavement marking tape.
	120	LF	555	Remove existing pavement marking.
	120	LF	555	Furnish and Install 6in. white preformed pavement marking tape.
	1	EA	818	Furnish and install 20 ft lighting arm on signal structure
	4	EA	xxx	Install micro loop probe set.

PHASE SEQUENCE CHART

NO CHANGE

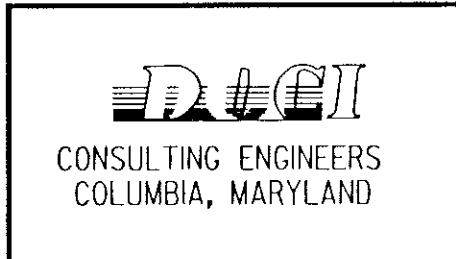
WIRING DIAGRAM



WIRING KEY

- A-F - 2 CONDUCTOR ALUMINUM SHIELDED (# 14 AWG)
- G,H,J,K - MICROLOOP PROBE LEAD IN CABLE
- L-P - 7 CONDUCTOR (#14 AWG)
- Q-S - 5 CONDUCTOR (# 14 AWG)
- T - 2 CONDUCTOR TRAY CABLE (# 14 AWG)
- EL - EXISTING LOOP
- LW - LOOP WIRE (#14 AWG)
- PS - POWER SERVICE

TEMPORARY SIGNAL  
STAGE III PHASE I



REVISIONS	APPROVALS
	CHEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC
	CHEF, TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MDOT - STATE HIGHWAY ADMINISTRATION OFFICE OF TRAFFIC & SAFETY TRAFFIC ENGINEERING DESIGN DIVISION			
ORIGINAL DRAWN BY	R. CICCHINI	MD 202 AT MD 193 GENERAL INFORMATION SHEET	
DES. BY	D. PETERS		
CHK. BY	<i>[Signature]</i> 12/21/95	LOG MILE #16019319.52	COUNTY: PRINCE GEORGE'S
DATE:	12/95	F.A.P. NO.	SEE TITLE SHEET
SCALE:		S.H.A. NO.	2559-X4 GI
		TS/FILE NO.	SHEET NO. OF